



CHAIRMAN
Paul Bettson

Lichfield Science & Engineering Society

PATRON
Mr Ian Dudson CBE
HM Lord Lieutenant of Staffordshire

LICHFIELD **GARRICK**
Theatre & Studio

PRESIDENT
Professor Rex Harris
FREng., FIMMM, FInstP.

8:00 pm on Thursday 13th February 2014
in the Studio Theatre of the Lichfield Garrick, Castle Dyke, Lichfield

Personal Wireless Communications

Eur. Ing. Dr R Simon Sherratt
Professor of Consumer Electronics
University of Reading

Once upon a time “the wireless” was only something we listened to. Nowadays wireless communication plays a much significant part in our daily lives. We have cordless and mobile phones, the latter often with a second wireless connection through Bluetooth headsets. Wireless broadband enables us to access the Internet from laptop and tablet computers, and desktop PCs connect wirelessly to keyboards, mice and printers. Bluetooth technology enables us to turn on the lights and oven ready for when we get home. Satellite navigation, once the province of the military and transport authorities, is now commonplace in cars and rucksacks. “The wireless” has pictures, in colour and high definition.

This talk will give an overview of wireless communication, what’s currently available and what will be available in the foreseeable future, and then concentrate on how wireless devices are changing how we interact with technology.

Simon is Professor of Consumer Electronics at Reading. He has primarily worked on the signal conditioning of the receivers for digital communication systems, including such systems as on-Digital, Freeview and Wireless USB. He is a Chartered Engineer, a Fellow of the IET and the IEEE. He spends most of his spare time as the Editor in Chief of the IEEE Transactions on Consumer Electronics and in looking after his marine fish! (He does not say whether he is yet able to do this remotely.)

For further information, please see our website at www.LSES.org.uk

Admission: Visitors £5.00, Students and Members free but please sign in.
Tickets are not issued in advance: visitors please pay at the auditorium door.
This lecture is expected to finish by 10.00 pm.